

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IN 02/00154

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☒ Claims Nos.: 4-9
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

claims 4-6 are characterized by "profit 5rm" (may be a trade mark), which is described in the application by means of a mere conceptual formulation.
claims 7,8 are also a mere conceptual formulation without a precise solution of the problem posed, whereas claim 9 lacks of any technical characterisation.

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

10/500919
 Rec'd PCT/PTO 08 JUL 2004
 International application No.
 PCT/IN 02/00154

CLASSIFICATION OF SUBJECT MATTER		
IPC ⁷ : G06F 9/45, G06F 17/60, G06F 15/16		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
IPC ⁷ : G06F, G05B		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
wpi epodoc		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6167563 A (FONTANA, et al.) 26 December 2000 (26.12.00) <i>the whole document.</i>	1-3
X	US 6199195 A (FARRAR et al.) 6 March 2001 (06.03.01) <i>abstract, claims 1-20.</i>	1-3
X	US 5625823 A (DEBENEDICTIS et al.) 29 April 1997 (29.04.97) <i>the whole document.</i>	1-3
X	US 6230309 A (GIBSON et al.) 8 May 2001 (08.05.01) <i>abstract.</i>	1-3
X	US 4920499 A (SKEIRIK) 24 April 1990 (24.04.90) <i>abstract.</i>	1,3

<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents: „A“ document defining the general state of the art which is not considered to be of particular relevance „E“ earlier application or patent but published on or after the international filing date „L“ document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) „O“ document referring to an oral disclosure, use, exhibition or other means „P“ document published prior to the international filing date but later than the priority date claimed „T“ later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention „X“ document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone „Y“ document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art „&“ document member of the same patent family		
Date of the actual completion of the international search 31 October 2002 (31.10.2002)		Date of mailing of the international search report 31 January 2003 (31.01.2003)
Name and mailing address of the ISA/AT Austrian Patent Office Kohlmarkt 8-10; A-1014 Vienna Facsimile No. 1/53424/535		Authorized officer WERNER J. Telephone No. 1/53424/357

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/IN 02/00154-0

Patent document cited in search report			Publication date	Patent family member(s)	Publication date
US	A	4920499	24-04-1990	AT E 186789	15-12-1999
				AU A1 26067/88	18-04-1989
				AU B2 618769	09-01-1992
				BR A 8807224	31-10-1989
				CA A1 1309182	20-10-1992
				DE C0 3856379	23-12-1999
				DE T2 3856379	29-06-2000
				EP A1 335957	11-10-1989
				EP A4 335957	01-07-1992
				EP B1 335957	17-11-1999
				JP T2 2501420	17-05-1990
				WO A1 8903092	06-04-1989
				CA A1 1297561	17-03-1992
				US A 4910691	20-03-1990
				CA A1 1297558	17-03-1992
				US A 4907167	06-03-1990
				CA A1 1297560	17-03-1992
				US A 4965742	23-10-1990
				CA A1 1297559	17-03-1992
				US A 5006992	09-04-1991
				CA A1 1310424	17-11-1992
				US A 4884217	28-11-1989
US	A	5625823	29-04-1997	AU A1 31408/95	22-02-1996
				AU B2 693585	02-07-1998
				CA AA 2226560	08-02-1996
				EP A1 772823	14-05-1997
				EP A4 772823	29-10-1997
				WO A1 9603690	08-02-1996
				US A 6144984	07-11-2000
US	A	6167563	26-12-2000	AU A5 00014405	26-04-2000
				EP A2 1114368	11-07-2001
				JP T2 02526858	20-08-2002
				WO A2 00020968	13-04-2000
				WO A3 00020968	20-07-2000
				US BA 6170081	02-01-2001
				US A 6167564	26-12-2000
				US BA 6178457	23-01-2001
US	BA	6199195	06-03-2001	US BA 6237143	22-05-2001
				AU A5 00059248	30-01-2001
				WO A2 00104726	18-01-2001
				WO A3 00104726	19-07-2001
				WO C2 00104726	09-08-2001
US	BA	6230309	08-05-2001	US AA 02023261	21-02-2002
				none	